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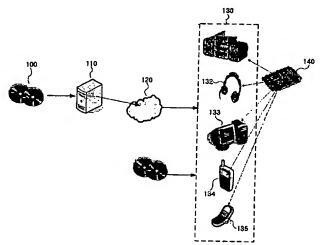
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(54) Title: APPARATUS AND METHOD FOR DISTORTING DIGITAL CONTENTS AND RECOVERING THE DISTORTED CONTENTS



(57) Abstract: A distorted contents generating apparatus is provided. The distorted contents generating apparatus includes: an initial value generation unit for generating an initial value used to generate a random number for a distorting filter; a random number generation unit for generating a random number for the distorting based on the initial value transmitted from the initial value generation unit; a filter generation unit for generating a distorting filter based on the random number, a data filtering unit for distorting an original contents by filtering the original contents with the distorting filter, an encoding unit for encoding the distorted contents output from the data filtering unit; a signal insertion unit for encrypting the initial value information generated by the initial value generation unit and inserting the encrypted filter initial value into the distorted contents; and an image correction unit for inserting image correction information into the encoded distorted contents transmitted from the encoding unit.